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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |  | ATTORNEY'S DOCKET NUMBER<br><br><div style="font-size: 1.2em; font-weight: bold;">085449-0201</div>        |
| INTERNATIONAL APPLICATION NO.<br>PCT/EP2005/001850  | INTERNATIONAL FILING DATE<br>2/22/2005 | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br>10/590,316<br><br>PRIORITY DATE CLAIMED<br>2/23/2004 |
| TITLE OF INVENTION<br>PROCESS FOR PRODUCTION OF IONICALLY CROSSLINKED POLYSACCHARIDE MICROSPHERES   |  |  |
| APPLICANT(S) FOR DO/EO/US<br>Stefan KAMMERMEIER, Till MERKEL, Katharina SCHMID, Achim MÜLLER  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |  |
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ul> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ul style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |  |  |
| <b>Items 11 to 20 below concern other document(s) or information included:</b>  |  |  |
| <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input type="checkbox"/> Other items or information:</li> </ol>   |  |  |

FORM PTO-1390 (Modified)

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|---|--------------|---|--|--|---------|
| U.S. APPLICATION NO. (if known, see 37 CFR. 1.5)<br><b>10/590,316</b>   |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/EP2005/001850</b>                     |  | ATTORNEY'S DOCKET NUMBER<br><b>085449-0201</b> |         |
| The following fees have been submitted:   |              |   |  |  |         |
| 21. <input type="checkbox"/> Basic national fee   |              | <b>\$300</b>  |  | \$ 0.00  |         |
| 22. <input type="checkbox"/> Examination fee  |              |   |  |  |         |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)  |              | \$100   |  | \$ 0.00  |         |
| All other situations  |              | \$200   |  |  |         |
| 23. <input type="checkbox"/> Search fee   |              |   |  |  |         |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority   |              | \$100   |  |  |         |
| International Search Report prepared and provided to the Office   |              | \$400   |  |  |         |
| All other situations  |              | \$500   |  | \$ 0.00  |         |
| <b>TOTAL OF ABOVE 21, 22 and 23 =</b>   |              |   |  | \$ 0.00  |         |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.   |              |   |  |  |         |
| Total Sheets  | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) |  | RATE   |         |
| 16 - 100 = 0  | /50 =        | 0   |  | x \$250.00                                     | \$ 0.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))   |              |   |  | \$ 130.00                                      |         |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA  | RATE   |  |         |
| Total Claims  | 21 - 20 = 1  |   | x \$ 50.00   |  |         |
| Independent Claims  | 2 - 3 = 0    |   | x \$ 200.00  |  |         |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |   | + \$ 360.00  |  |         |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |   |  | \$ 130.00                                      |         |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  |              |   |  | + \$ 0.00                                      |         |
| <b>SUBTOTAL =</b>   |              |   |  | \$ 130.00                                      |         |
| Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).   |              |   |  | \$   |         |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |  | \$ 130.00                                      |         |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property  |              |   |  | \$   |         |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |  | \$ 130.00                                      |         |
|   |              |   |  | <b>Amount to be refunded:</b>                  |         |
|   |              |   |  | <b>charged:</b>                                |         |
| <p>a. <input type="checkbox"/> A check in the amount of \$130.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$950.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charge to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b></p> |              |   |  |  |         |
| SEND ALL CORRESPONDENCE TO:   |              |   |  |  |         |
| Foley & Lardner LLP<br>Customer Number: 22428   |              |   | <br>SIGNATURE<br><b>Richard L. Schwaab</b><br>NAME<br><b>25,479</b><br>REGISTRATION NUMBER |  |         |